

## THE DEMING GRAPHIC

DEMING, - - NEW MEXICO.

Some people who jump at conclusions lose sight of the hurdles.

The toy pistol ought to be adopted by the army. It beats the galling gun.

John Hay is a grandpa, but there is no use for the little breeches. It's a girl.

When Joy enters a house she is sometimes followed by a smell of pargoric.

Some people appreciate their friends exactly in proportion to what they can get out of them.

A gold tooth, well up in front, seldom fails to cause a smile—to the owner of the tooth.

A peculiarity of the Chinese open door is that it is not open far enough to get anything out or in.

The happiest person is one who is regardless of the future and oblivious of the past.—Acheson Globe.

Although he works in the vineyard, the perfect pastor must not look like a farmer, says Rev. Mr. Crandall.

Incidentally it might be well to turn a few specimens of the agamo mermis culicis loose on the kissing bug.

A million gallons of excellent whisky were burnt up in the Glasgow fire last week. Will horrors never cease?

Unconscious and unconcerned we sit idly by while the price of coal creeps silently up 10 cents a ton each thirty days.

The mosquito-proof coat of mail may ere long appear on the market in response to a widespread and pressing demand.

A man is not necessarily a lawyer because he is admitted to the bar. He may be a personal friend of the barkeeper.

Of course, civilization has its advantages, but the prehistoric dwellers in caves had far cooler sleeping places than ours are.

Going hatless may be a new fad at Newport, but no place else where the American girl and boy can get out in the sun and wind.

The story of a lot of brook trout getting drunk in the tank of an Oyster Bay saloon sounds especially fishy in this "R"-less month.

Recently the smallest woman in the world died from the effects of the heat in New Jersey. The heat should have taken some one of its size.

Eastern college students are doing harvest work in Kansas, thus unexpectedly devoting to a useful purpose the muscles they went to college to secure.

As the society people of Newport are forever striving to do something queer and original, it is not surprising to learn that they have taken to riding the bicycle.

An Italian scientist comes forward with a consumption cure, but he is rather late in the day. We have about a thousand consumption cures in America already.

Capt. Wringe of the Shamrock III has had his first look at the Reliance, and he says he sees nothing to be scared at. That is the thing that makes races interesting.

By the way, considering the president's frequent allusions to "race suicide," has that war department order forbidding the marriage of young officers been rescinded yet?

It is to be regretted that those foreign potentates can't see a sample of our army as well as a bit of our navy. Our Tommy Atkins are as lively and gallant as our jacksies.

A San Francisco firm tried to corner the bean market and is in the hands of a receiver. Until Boston sinks into the sea it is folly for any other city to fool with the bean industry.

A Missouri inventor is working on a burglar alarm that will take the photograph, arouse the family and call the police. He says that if he has time he may also make it grab the burglar and hold him.

St. Louis policemen who are bigger around their waists than they are around their chests are to be dropped from the force. It will be in the nature of an outrage to make such men go to work for a living.

### Killing Kings in Serbia.

A correspondent in Belgrade writes: "The bitterest sarcasm on the Serbian situation was made by an Englishman who has a smattering of the language. In the park there was a notice stating that something or other was strictly forbidden. I asked him what it was. 'So far as I can make out,' he replied, 'it says: "You are strictly forbidden to kill kings in the park. There is a palace specially provided for the purpose."'"

### Barbers Necessary.

According to a Dublin scientist, who has spent considerable time in making the necessary calculations, a man's beard grows on an average about three millimetres a week. At this rate it would increase about sixteen centimetres every year, and thus, at the age of eighty-four, a man who had never shaved would be equipped with a beard about twenty-seven feet in length.

### A Fearful Thought.

Intelligence that a young woman has chased Sir Thomas Lipton into a corner and kissed him several times will excite the haunting dread that the cup lifter may yet be seen prowling around the country emulating the osculatory performances of Richmond Pearson Hobson. It was the same kind of experience that started that hero on his devastating career.

### Have Built Many Churches.

The Christian Endeavorers of America have built twenty-nine churches in destitute portions of the United States. Twenty-one of these have been built by the Christian Missionary League of the Reformed Church in America. The Christian Endeavor gifts from this denomination during the past year amounted to \$10,477.

### Use American Implements.

Not only are American mowers, harvesters and hay rakes in use in all the farming districts of South Germany, but our smaller agricultural implements, such as forks, garden and lawn rakes, hoes, shovels, spades and hand potato diggers, have also rapidly grown in favor, and are now on sale in nearly every local hardware store.

### Has Her Doubts.

"A horse," said the lover of animals, "is man's truest friend." "I didn't know that," answered young Mrs. Torkins. "Judging from Charley's experience at the race track, I thought a horse was the kind of a friend who borrows your money and forgets to return it."—Washington Star.

### Famous Elephant Dead.

The famous decoy elephant Kapuri has just died at Ellawella, India, at the age of 78. The animal was well known to the Prince of Wales and the late Duke of Clarence and Edinburgh, having taken part in several elephant hunts while they were in India.

### Real Ship Trimmers.

Sir Thomas Lipton and J. P. Morgan both arrived on the same steamer. By berthing them on opposite sides it was possible to bring the ship across on an even keel, but it was noticed that her Pilmsoil marks were pretty well down in the water.

### Dubuque Catholics.

Dubuque is the strongest Catholic city in the west, 52 per cent of the population belonging to that faith. There are seven parochial schools, attended by 16,424 children, and 19,655 young people are under the care of the church.

### World's Debt to United States.

This country invented the parlor, sleeping and dining cars, the pressed-steel freight car, many of the best features of the automatic coupler, and a host of related devices, and it runs the fastest long-distance trains.

### Champion Irish Terrier.

The Rev. Father O'Gorman's champion Irish terrier Celtic Badge took three blues in the novice, open and winners' classes at the annual exhibition of the New England Kennel club.

### Monument to Philosopher.

Plans are being made to erect a monument to the philosopher Kant in Berlin, to be unveiled on the occasion of the one hundredth anniversary of his death, in 1904.

### Million-Dollar Cathedral.

A cathedral of the Greek church, to cost over a million dollars, is to be erected in Cleveland, O. The Russian crown is to contribute largely to it.

### World's Largest Tree.

The largest tree in the world lies broken and petrified at the end of a defile in northwestern Nevada. It is said to be 666 feet long.

### British Somaliland.

It is estimated that the population of British Somaliland is about 250,000. Its area is about 68,000 square miles.

### A Mystery of the Season.

No one has ever clearly explained why, at this season of the year, a girl whose skin would be hopelessly ruined were she to roll up her sleeves and put her hands into a dishpan half full of water for a few minutes, can play golf or tennis, bare-armed, all day long, or go into the water bathing morning, noon and night, and be proud of the color she acquires in so doing. Why is it, girls? Don't all about the answer at once.

### Projectiles Used by the Navy.

Four classes of projectiles are used in the United States navy—armor-piercing projectiles for use against armor, common shell for use against unarmored or very thinly armored parts, shrapnel for service against exposed detachments of men a considerable distance away, and canister, which is employed against detachments of men lacking protection within close range.

### Unique Spirit of Loyalty.

It is not all war in the industrial world. Here are 6,000 employees of the United States Express Company volunteering to furnish pieces of skin for the benefit of Assistant General Superintendent Fredericks, who was scalded in a train wreck. There is still something left of the old human relations between captains and privates of industry.

### India's Irrigation Works.

The irrigation works recommended by the Geological Survey give interest to the report on the irrigation works of India. The net revenue to the government was 7.36 per cent on an outlay of \$110,000,000. The value of the crops raised on the irrigated area during the year is estimated at \$135,000,000—a sum in excess of the capital outlay.

### Life's Many Exits.

"I know death hath ten thousand several doors for men to take their exits," wrote John Webster three centuries ago. One of the most unused exits was that employed by the four persons who met death in Pittsburgh on the Fourth by stepping in a pool of water charged with electricity from a broken electric light wire.

### Wireless Telegraph Service.

Since the great volcano disturbances in the Windward Islands it has been impossible to maintain unbroken cable connections between the islands of Martinique and Guadeloupe, and the French government has established a wireless telegraph service between the two. The distance exceeds 100 miles.

### No Personality in Ears.

After studying and photographing more than 40,000 pairs of ears of persons, including those of 2,000 insane and 800 criminals, and those of 300 animals, an English criminologist is forced to conclude that the ear gives no clue to personal traits.

### Capitulated.

A Philadelphia mother spanked her naughty 4 year old, and set off a bunch of pistol caps in his hip pocket. The young patriot was hoist by his own petard, and immediately acknowledged his dependence on the mother country. —Toledo Blade.

### Expensive Alternative.

A firm whose shop blind spoilt the hat of a man nearly six feet in height was ordered in a London court to pay the damages. "We can not fix the blind higher," they pleaded. "Then go on paying for silk hats," said the judge.

### New Wrinkle in Divorce.

Ellen Key, the Swedish woman suffragist, asks for a law which, in case of a couple that wants a divorce, compels them to live apart a year, and then, if the divorce is still desired, grants it without further proceedings.

### Egypt Pays Tribute.

Egypt is legally a dominion or province of Turkey. It pays a tribute of close on £700,000 to the Sultan, and has been nominally part of the Ottoman empire since the twelfth century.

### Largest Elephant Known.

There has recently arrived in Germany the hide of an elephant that was 16 feet 9 inches high, this being over three feet above the largest elephant ever known hitherto.

This Will Make Baltimore Hot. We should say that the two florid convention cities of the continent are Boston, Massachusetts, and Denver, Colorado.—Norwood Advertiser.

### Imports of Champagne.

The importation of champagne into the United States from Jan. 1 to May, 1903, was 137,742 cases, as against 112,961 for the same period of 1902.

### Largest Plate Rolling Mill.

The new plate rolling-mill in the works of the Carnegie Steel Company is said to be the largest in the world.

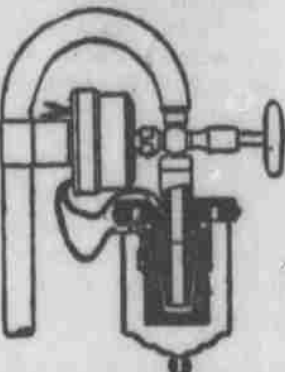
## POPULAR SCIENCE

### Electrical and Steam Engines.

The German government is encouraging higher speed upon its railways, and, to attain it, has proposed a competition between electric and steam locomotives. Builders of both types have been asked to submit plans for motors which will attain velocities of 100 miles per hour, but under what conditions of load and permanent way has not been stated. The capacity of our largest and most powerful locomotives, with 200 pounds of steam pressure per square inch and a very moderate load behind the tender, is limited to an average speed of from sixty to sixty-five miles per hour under favorable conditions; it remains to be shown what kind of a steam driven engine can be produced which will raise the speed thirty-five to forty miles more per hour.

### Electric Water Heating Faucet.

It is an easy task to heat a kettle of water over the electric stove, but the inventor is not satisfied with this, and must needs go a step further, enabling any one to open a faucet and



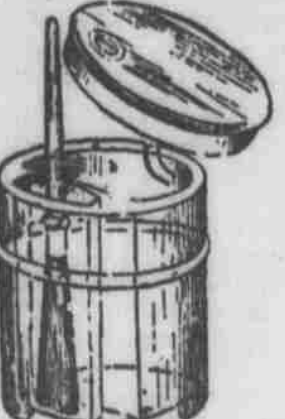
### Warms the Water as it Flows.

draw hot water from a pipe connected directly with the city water supply. How this is accomplished can be seen by a little study of the drawing, which shows the apparatus complete and ready for use.

The valve stem is extended at the rear and connects directly with the switch which controls the electric current, so that when the faucet is opened the switch is closed and vice versa. Beneath the faucet is attached a casing, which resembles a filter, but which is in reality a pair of electrodes, between which the water must pass before it can flow to the basin or bowl beneath. When the current is turned into these electrodes, they become so hot as to heat the water passing between them, provided the flow is not too rapid. The illustration shows a small heater for ordinary use, but there is no reason why the device cannot be enlarged to heat water for the bath or washday. Where the house is already fitted with electric lights it is a small task to fit up the faucets for the new water heater. Harry M. Hill, of St. Louis, Mo., is the inventor.

### Paste Jar With Brush Moistener.

If the bookkeeper of a half century ago could look into the modern office and have explained to him all the numerous devices which relieve the office man of to-day of a large portion of his work, the loose leaf ledger and card systems would no doubt be shown as the greatest improvement since the old timer was in his prime; but there are numerous minor inventions which also fill important places. Among these must be ranked the pastepot, which would much sooner have taken its place could the paste have been prevented from molding and the brush from drying up as soon as exposed to the atmosphere for a short time. Two or three inventors have already produced paste receptacles



### Has Air Tight Cover and Water Compartment.

which answer this problem fairly well, but the idea which we show seems to have special advantages, in that a water compartment is provided for the immersion of the brush, and also an air tight cover for the jar itself. To accomplish this latter end the opening through which the handle of the brush projects is lined with rubber, having a resilient edge to fit closely over the wood. The fastener for the cover of the jar is formed of two short slots on the edge of the glass, and when the handle is slipped through the opening and the cover pressed

### down only a short turn is necessary to secure it tightly to this jar.

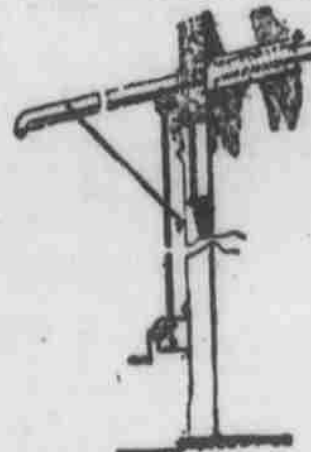
Charles B. Gordon, of Boston, Mass., is the inventor.

### Cities Will Own Water Works.

Municipal ownership of waterworks in practically all the large cities of the United States bids fair to be the rule a few years hence. Memphis, Tenn., has just acquired the plant owned for some years past by the Artesian Water Company. This reduces to nine the cities of the United States of over 100,000 population whose waterworks are still under private ownership. The nine cities, in order of their size in 1900, are: San Francisco, New Haven, Indianapolis, Denver, New Orleans, Paterson, St. Joseph, Omaha and Scranton. Two of these, New Orleans and Omaha, are already committed to municipal ownership, and for years there has been a strong movement in that direction at San Francisco. Agitation to the same end was also very much in evidence at Indianapolis and Denver a few years ago.

### Disappearing Awnings for Stores.

If there is any one feature of a store which detracts from its appearance more than another it is the decoration of the front with a dilapidated and faded awning. This may answer all purposes as far as keeping off the sun and rain, but its condition is sure to prove a detriment to the store. In some measure this has been improved upon by the permanent metal awnings; yet these must render the interior of the store dark and gloomy, and necessitate the use of artificial light on cloudy days. Now, a compromise between the two ideas has made its appearance, nothing less than a metallic awning, which can be projected over the pavement or withdrawn at will. In the illustration is presented a sectional view of a store front, with the awning partly projected over the pavement, showing the manner in which it is operated by the crank and gearing. A horizontal shaft extends across the face of the building, with gear wheels at either end, meshing with racks on the awning supports. The latter pass through openings in the front of the building



### Slides into the Building When Not in Use.

between the first and second stories, with guides on the inner sides of the walls to slide the supports into the space provided for them. The guides also serve to carry the weight of the awning when it is projected, this being accomplished by simply turning the crank, as is done in manipulating the cloth awnings now in use. Friederich Thoms, of San Francisco, Cal., is the inventor.

### A Transparent Mirror.

Mr. Richard Wilson, New York, has recently invented a mirror which reflects images or is transparent according to the amount of light in the background, that is, when the background is darkened the glass is a perfect mirror reflecting objects in front of it, but when the background is lighted one can readily see objects through the glass. The inventor proposes to use the mirror for illusive stage effects or in show windows as an advertising medium. The darkened background of the show window will be illuminated at intervals by automatic means acting upon an electric lamp, so that shoppers who stop at the window to gaze at their reflection in the mirror will be surprised to have their images suddenly disappear, and see in their stead the latest thing in Paris fashions or the like.

### Ferryboat Transports Trains.

The largest ferryboat in the world was launched May 23, at the Schichau Shipbuilding Works, at Stettin. The boat is designed to carry whole trains over the Baltic Sea between Warnemünde and Gjedser, providing direct communication with Copenhagen.

### Electric Furnace Makes Steel.

After many laboratory experiments, steel is now being produced in electrical furnaces on a commercial scale at the Froges Works (Inere), France. It has been put on the market by Messrs. Descours, Caband & Co., Lyons.